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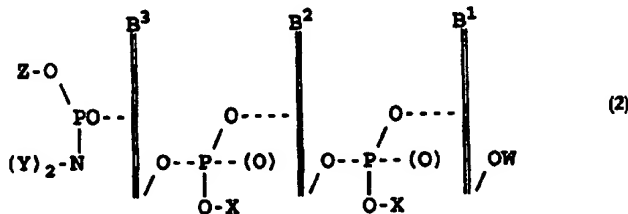
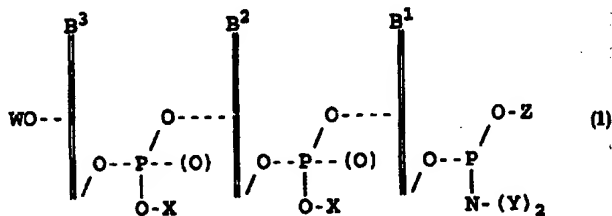
INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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(54) Title: CODON AMIDITES AND METHOD OF USING THEM TO PRODUCE OLIGONUCLEOTIDES AND MUTAGENESIS LIBRARIES

(57) Abstract

Compounds of formula (1) or (2) wherein W, X, Y and Z are each independently hydrogen or a protecting group; B¹, B² and B³ are each independently a base selected from the group consisting of adenine, guanine, cytosine, thymine and uracil; and || is the residue of a ribose or deoxyribose, and methods for their synthesis and use are disclosed.



The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that proper record-keeping is essential for ensuring the integrity of the financial system and for providing a clear audit trail. The document also highlights the need for transparency and accountability in all financial dealings.

The second part of the document outlines the specific procedures for recording transactions. It details the steps involved in the accounting process, from the initial recording of a transaction to the final posting to the general ledger. The document also provides guidance on how to handle complex transactions and how to ensure that all entries are properly classified and recorded.

The third part of the document discusses the importance of reconciling accounts. It explains that regular reconciliation is necessary to ensure that the books are balanced and that there are no discrepancies between the recorded transactions and the actual transactions. The document also provides instructions on how to perform a reconciliation and how to handle any discrepancies that may arise.

The fourth part of the document discusses the importance of maintaining accurate financial statements. It explains that financial statements are a key tool for assessing the financial health of an organization and for providing information to stakeholders. The document also provides guidance on how to prepare financial statements and how to ensure that they are accurate and reliable.

The fifth part of the document discusses the importance of maintaining accurate tax records. It explains that proper record-keeping is essential for ensuring that an organization is in compliance with tax laws and for providing the necessary documentation for tax audits. The document also provides guidance on how to maintain tax records and how to handle any tax-related issues.

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INTERNATIONAL SEARCH REPORT

International Application No.
PCT/US 95/15319A. CLASSIFICATION OF SUBJECT MATTER
IPC 6 C07H21/00 C12N15/09 C12Q1/68

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 6 C07H C12N C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO,A,93 21203 (THE JOHNS HOPKINS UNIVERSITY) 28 October 1993 see page 6 ---	1-3,6-11
P,X	NUCLEIC ACIDS RESEARCH, vol. 22, no. 25, 25 December 1994, OXFORD GB, pages 5600-5607, XP002002308 VIRENKAS B. ET AL: "Trinucleotide phosphoramidites: ideal reagents for the synthesis of mixed oligonucleotides for random mutagenesis" see the whole document ---	1-3,6-11

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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

14 May 1996

Date of mailing of the international search report

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INTERNATIONAL SEARCH REPORT

International Application No.

PCT, US 95/15319

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	BIOTECHNIQUES, vol. 19, no. 2, August 1995, NATICK US, pages 274-289, XP002002310 LYTTLE M.H. ET AL: "Mutagenesis using Trinucleotide beta-cyanoethyl phosphoramidites" see the whole document	1-11
X	JOURNAL OF ORGANIC CHEMISTRY, vol. 49, 1984, EASTON US, pages 4905-4912, XP002002311 KUMAR G ET AL: "Improvements in oligodeoxyribonucleotide synthesis: methyl N,N-dialkylphosphoramidite dimer units for solid support phosphite methodology" cited in the application see page 4907	4,5
A	WO,A,92 03461 (IXSYS INC) 5 March 1992 see the whole document	9-11

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 95/15319

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO-A-9321203	28-10-93	CA-A- 2133554	28-10-93
		EP-A- 0638089	15-02-95
		JP-T- 8502642	26-03-96

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		CA-A- 2089362	25-02-92
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		JP-T- 6503809	28-04-94
		US-A- 5264563	23-11-93
